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CLAIMS

1. A device for location at an opening to a receptacle comprising:
 - 5 - a projection adapted for association with the receptacle at the opening;
 - a lid for location at the opening including a compartment that is positionable at the opening when the lid is located thereat; and
 - 10 - engagement means associated with the lid; wherein when the compartment is positioned at or near the opening and the lid is moved in a given direction relative to the receptacle, the engagement means is caused to act on the projection such that the projection itself is moved into a position whereby it opens the compartment.
2. A device as claimed in claim 1 wherein the projection is hingedly moveable.
3. A device as claimed in claim 1 or claim 2 wherein the compartment is closeable in use with an openable seal.
- 20 4. A device as claimed in claim 3 wherein the projection least partially detaches the seal from the compartment.
5. A device as claimed in claim 4 wherein the projection includes a cutter portion adapted for cutting the seal.
- 25 6. A device as claimed in any one of the preceding claims wherein the engagement means is a protrusion located internally of the lid and externally of the compartment.
7. A device as claimed in claim 6 wherein the protrusion comprises at least one flange located on an external wall 30 of the compartment and arranged to bias the projection into a location that opens the compartment as the lid is moved in the given direction.
8. A device as claimed in any one of the preceding claims wherein the lid is rotatable relative to the receptacle.
- 35 9. A device as claimed in claim 8 wherein the lid is

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attached to the receptacle via rotation in a first direction and is detached via rotation in a second opposite direction, the second direction corresponding to said given direction.

5 10. A device as claimed in claim 8 or claim 9 wherein the lid is adapted for threadable engagement with the receptacle.

11. A device as claimed in any one of claims 3 to 5 wherein the compartment is also adapted for access from another
10 location other than via the seal.

12. A device as claimed in claim 11 wherein the access adaptation is a closeable orifice in an exterior surface of the lid.

13. A device as claimed in claim 12 wherein a removable or
15 insertable disc is arrangable for engagement with a rim of the orifice in a closed position.

14. A device as claimed in claim 11 wherein the access adaptation is a closeable projecting teat located at an exterior surface of the lid.

20 15. A device as claimed in any one of the preceding claims wherein the projection is integral with the receptacle at the opening or part of an insert locatable in the receptacle opening.

25 16. A device as claimed in claim 15 wherein the insert is a sleeve positionable in a neck of the receptacle and the projection protrudes inwardly of the sleeve.

17. A device as claimed in claim 16 wherein the sleeve comprises:

- a mounting for holding the sleeve in a freely rotatable but axially fixed manner in relation to the lid;
- one or more deformable retaining means located externally of the sleeve for holding it in an associative frictional engagement at the opening of the receptacle;

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- a rib flange located at an internal wall of the sleeve and arranged to abut the engagement means upon rotatable movement of the lid at the receptacle,

5 wherein when the lid is rotated the engagement means abuts the rib flange and further rotation of the lid thus causes the lid and the sleeve to rotate together but only as allowed by the deformation of the retaining means, thereby detaching the sleeve from its
10 association with the receptacle.

18. A device as claimed in claim 17 wherein the mounting comprises a circumferential or part-circumferential retaining rib located on the internal wall of the sleeve which in use is seated in a groove located on an outer
15 surface of the compartment.

19. A device as claimed in any one of the preceding claims wherein the lid is provided with a tamper-evident seal.

20. A device as claimed in claim 19 wherein the seal is a strip detachably positioned at an edge rim of the lid
20 which adjoins the receptacle in use.

21. A method of opening a compartment located in a lid positionable at a receptacle, including the step of moving the lid in a given direction relative to the receptacle at an opening of the receptacle so that a
25 projection associated with the receptacle is itself moved into a position to open the compartment.

22. A method of opening a compartment located in a lid positionable at an opening of a receptacle wherein movement of the lid in a unidirectional rotation alone
30 with respect to the receptacle causes compartment opening followed by removal of the lid from the receptacle.

23. A method as claimed in claim 22 wherein opening of the compartment brings it into fluid communication with the receptacle.

35 24. A method as claimed in any one of claims 21 to 23 that uses a device as defined in any one of claims 1 to 20.

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25. A lid for location at an opening as defined in any one of claims 1 to 20.
26. A receptacle being fitted with a device as defined in any one of claims 1 to 20.
- 5 27. A sleeve which is insertable into an opening of a receptacle and having a projection as defined in any one of claims 1 to 20.